Office of Pollution
Prevention and Toxics

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EPA

The Emergency Planning and Community Right-to-Know Act

Section 313 Release Reporting Requirements

THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT

EPA has prepared this brochure to alert businesses to their reporting obligations under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA),* and to help you determine whether your facility is covered under the law. If you are covered, this brochure will also help you prepare to meet your reporting obligations. If you are uncertain whether you are covered, it will tell you how to get assistance.

This brochure deals with reporting requirements of only one section of the Emergency Planning and Community Right-to-Know Act: Section 313, which pertains to release reporting. Other EPCRA planning and reporting requirements may also affect your business. The nearest EPA regional office can provide complete details, but the other basic requirements of EPCRA are as follows:

Facility owners/operators that have on their premises chemicals designated under EPCRA as "extremely hazardous substances" must cooperate with state and local planning officials in preparing comprehensive emergency plans (Sections 302 and 303);

■

Facility owners/operators must report accidental releases of, "extremely hazardous substances" and CERCLA "hazardous substances" to state and local response officials (Section 304); and

■

Facility owners/operators must make Material Safety Data Sheets (MSDSs) available to local and state officials and must also report, to local and state officials, inventories (including locations) of chemicals on their premises for which MSDSs exist (Sections 311 and 312).

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* The Act is also known as Title III of SARA (the Superfund Amendments and Reauthorization Act of 1986).

For more information on the Emergency Planning and Community Right-to-Know Act, ask your regional EPA office for the EPCRA Fact Sheet; or call the Emergency Planning and Community Right-to-Know Information Hotline (800) 424-9346 or (703) 412-9877.

REPORT TOXIC CHEMICAL RELEASES

Under Section 313 of the Emergency Planning and Community Right-to-Know Act, certain businesses are required to submit reports each year on the amounts of toxic chemicals their facilities release into the environment, either routinely or as a result of accidents. The purpose of this reporting requirement is to inform government officials and the public about releases of toxic chemicals into the environment. Section 313 requires facilities to report releases to air, water, and land. The reports must be sent to the United States Environmental Protection Agency (EPA) and to designated state agencies. Reports are due by July 1 each year. Those who fail to report as required are subject to civil penalties of up to $27,500 a day.

The final Toxic Chemical Release Inventory rule under Section 313 was published in the Federal Register on February 16, 1988.

WHO MUST REPORT

A plant, factory, or other facility is subject to the provisions of Section 313 if it meets <u>all</u> three of the following criteria:

It is included in a covered Standard Industrial Classification (SIC) code as listed on pages 8 and 9; <u>and</u>

■

It has 10 or more full-time employees (or the equivalent 20,000 hours per year); <u>and</u>

■

It manufactures, imports, processes, or otherwise uses any of the toxic chemicals listed on pages 16–51 in amounts greater than the "threshold" quantities specified below. At present, 646 chemicals and chemical categories are covered. The list may be changed in future years.

THRESHOLDS

Thresholds are specified amounts of toxic chemicals used during the calendar year that trigger reporting requirements.

If you *manufacture* or *import* any of the listed toxic chemicals, the threshold quantity will be:

- **25,000 pounds per toxic chemical or category over the calendar year.**

If you *process* any of the listed toxic chemicals, the threshold quantity will be:

- **25,000 pounds per toxic chemical or category over the calendar year.**

If you *otherwise use* any of the listed toxic chemicals (without incorporating it into any product or producing it at the facility), the threshold quantity is:

- **10,000 pounds per toxic chemical or category over the calendar year.**

What is meant by the terms ***"manufacture," "process,"*** or ***"otherwise use"***?

- ***Manufacture*** – means to produce, prepare, import, or compound one of the toxic chemicals on the list. For example, if you make a dye for clothing by taking raw materials and reacting them, you are manufacturing the dye. You would also be covered if you were a textile manufacturer who imported a dye on the list for purposes of applying it to fabric produced at your plant.
- ***Process*** – in general, is the incorporation of a toxic chemical into a product and includes making mixtures, repackaging, or using a chemical as a feed-stock, raw material, or starting material for making another chemical.

  Examples of processing include:

  – Adding a solvent as a diluent when making a paint, coating, or other mixture;

  – Using a chemical as reactant in the manufacture of a pesticide (e.g., using chemical A to make chemical B).

- ***Otherwise Use*** – applies to any use of a toxic chemical at a covered facility that is not covered by the terms "manufacture" or "process" and includes use of a toxic chemical contained in a mixture or trade name product. A toxic chemical that is *otherwise used* by a facility is not intentionally incorporated into a product distributed in commerce. Starting with January 1, 1998, the otherwise use definition was clarified to include disposal, stabilization, and treatment for destruction if the facility that conducted these activities received the toxic chemical for purposes of waste management.

  Examples include:

  – Using a metal cutting fluid that contains diethanolamine;

  – Using a heat transfer fluid containing biphenyl;

  – Using trichloroethylene to degrease tools;

  – Using chlorine in waste water treatment;

  – Using Freon 113 as a refrigerant to cool process streams.

Section 313 defines a "facility" as all buildings, equip ment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person. Warehouses on the same site as covered facilities are covered at the threshold levels given above. Stand-alone warehouses that do not support a covered operation are not currently covered.

The reporting thresholds apply to toxic chemicals known by the owner or operator to be used in amounts above the thresholds. Section 313 requires suppliers of mixtures and trade name products to notify customers of the presence of Section 313 listed toxic chemicals in their products above certain *de minimis* concentrations (these cutoffs are discussed under "Exemptions"). This supplier notification requirement has been in effect since January 1, 1989.

EXEMPTIONS

Under certain circumstances, some or all of the reporting requirements under Section 313 may not apply to a facility. The following are the major exemptions:

- **De minimis** concentrations of a toxic chemical in certain mixtures. In determining whether the amount of a toxic chemical used at your facility exceeds the reporting threshold listed on page 3, you are not required to count the amount of chemical present in a mixture *if* its concentration is less than 1 percent of the mixture, or

  ■

  its concentration is less than 0.1 percent of the mixture when the chemical is defined by the Occupational Safety and Health Administration (OSHA) as carcinogenic; the chemical list beginning on page 16 identifies these chemicals.

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- **Articles.** In considering whether a reporting threshold has been exceeded, you are not required to count toxic chemicals present in articles processed or used at your facility. An "article" is a manufactured item: (1) which

is formed to a specific shape or design during manufacture; (2) which has end use functions dependent in whole or in part upon its shape or design during end use; and (3) which does not release a toxic chemical under normal conditions of processing or use of that item at the facility or establishments.

- **Specified Uses.** In considering whether a reporting threshold has been exceeded, you are not required to count toxic chemicals that are used at your facility for any of the following purposes:

  As a structural component of the facility;

  or

  In routine janitorial or facility grounds maintenance;

  or

  In foods, drugs, cosmetics, or other items for personal use, including supplies of such items (for example, in a facility-operated cafeteria);

  or

  In motor vehicle maintenance (including motor fuel); or

  or

  In process water and non-contact cooling water as drawn from the environment or from municipal sources, or in air used either as compressed air or as part of combustion.

- **Laboratory Activities.** In considering whether a reporting threshold has been exceeded, you are not required to count toxic chemicals that are manufactured, processed, or otherwise used for research or quality control in a laboratory at a covered facility under the supervision of a technically qualified individual. This exemption does not apply to production, processing, or the use of toxic chemicals in laboratories for distribution in commerce or in pilot plant scale operations.

- **Owners of Leased Property.** The owner of a covered facility is not subject to reporting under Section 313 if the owner's only interest in the facility is ownership of the real estate upon which the facility is operated. However, the operator of the facility must report if the criteria are met.

HOW TO REPORT

The owner or operator of a covered facility must report annually. Reports must be submitted on or before July 1 and cover activities that occurred at the facility during the previous calendar year.

EPA will provide a reporting form (EPA Form R) with instructions and technical guidance on how to calculate toxic chemical releases or emissions from your facility. For information on how to obtain the reporting form and instructions, contact the Emergency Planning and Community Right-to-Know Information Hotline. For other technical guidance, write a letter or check the boxes for those publications on the pages 52–56, detach or copy the page, and mail it to: Emergency Planning and Community Right-to-Know Document Distribution Center, Attn: NSCEP, P.O. Box 42419, Cincinnati, OH 45242-2419; or any of the EPA regional offices listed on pages 13–15.

You are not required to measure or monitor releases for purposes of Section 313 reporting. You may use readily available data to report the quantities of chemicals that you use and the amounts released into the environment. If you have no data available, the law permits you to report reasonable estimates. EPA's technical guidance on calculating releases can help you in making estimates.

STANDARD INDUSTRIAL CLASSIFICATION (SIC) GROUPS SUBJECT TO SECTION 313

SIC	INDUSTRY GROUP
10 (except 1011, 1081, and 1094)*	Metal Mining
12 (except 1241)*	Coal Mining
20	Food
21	Tobacco
22	Textiles
23	Apparel
24	Lumber and Wood
25	Furniture
26	Paper
27	Printing and Publishing
28	Chemicals
29	Petroleum and Coal
30	Rubber and Plastics
31	Leather
32	Stone, Clay, and Glass
33	Primary Metals
34	Fabricated Metals
35	Machinery (excluding electrical)
36	Electrical and Electronic Equipment
37	Transportation Equipment
38	Instruments
39	Miscellaneous Manufacturing
4911 (limited to facilities that combust coal and/or oil for the purpose of generating electricity for distribution in commerce)*	Electric Utilities (Electric Services)
4931 (limited to facilities that combust coal and/or oil for the purpose of generating electricity for distribution in commerce)*	Electric Utilities (Electric and Other Service Combined)
4939 (limited to facilities that combust coal and/or oil for the purpose of generating electricity for distribution in commerce)*	Electric Utilities (Combination Utilities, no Elsewhere Classified)
4953 (limited to facilities regulated under the Resource Conservation and Recovery Act, Subtitile C, 421 U.S.C. section 6821 *et seq.*)	Commercial Hazardous Waste Treatment
5169*	Chemical and Allied Products Wholesale
5171*	Petroleum Bulk Terminals and Plants
7389 (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis)*	Solvent Recovery Services

*Coverage Starts January 1, 1998.

For a detailed description of 4-digit SIC codes, refer to the "Standard Industrial Classification Manual 1987." The facility should determine its own SIC code(s), based on its activities on-site, using the SIC Manual. State agencies and other organizations may assign SIC codes on a different basis than the one used by the SIC Manual. Therefore, for purposes of TRI reporting, these state assigned codes should not be used if they differ from the ones assigned using the SIC Manual. The "Standard Industrial Classification Manual 1987" is available in most libraries or for purchase from:

National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
Phone: (703) 487-4650
Document Number: PB 87-100012 $30.00

WHAT YOU MUST REPORT

You must report on the EPA Form R the following information **for each listed toxic chemical** manufactured, imported, processed, or otherwise used at your facility in yearly amounts which exceed the threshold:

The name and location of your facility;

■

The identity of the listed toxic chemical (unless you claim its identity to be a trade secret);

■

Whether you manufacture, import, process, or otherwise use the toxic chemical;

■

The maximum quantity of the toxic chemical on-site at any time during the year;

■

The total quantity of the toxic chemical released during the year, including both accidental spills and routine emissions – separate estimates must be provided for releases to air, water, land and injected underground;

■

Off-site locations to which you shipped wastes containing the toxic chemical and the quantities of that toxic chemical sent to those locations for recycling, energy recovery, treatment, or disposal;

■

On-site recycling, energy recovery, treatment, or disposal methods used for wastes containing the toxic chemical and estimates of the treatment efficiency for each toxic chemical;

■

Source reduction activities involving the toxic chemical.

■

For purposes of Section 313, **a release is defined** as any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles) of any "toxic chemical" (i.e., any of the chemicals or chemical categories on pages 16–51).

PUBLIC ACCESS TO REPORTS

The law requires facilities covered by Section 313 to send toxic chemical release reports both to EPA and to the state in which the facility is located. At EPA, the Office of Pollution Prevention and Toxics is responsible for receiving and processing the data. The agency designated to receive reports in your state is listed in the instructions for Form R.

EPA is required by law to make the data in the reports available to the public through a computer database. (You can claim the toxic chemical identity to be a trade secret, but you must justify the claim to EPA. The final Trade Secret rule was published in the Federal Register on July 29, 1988.) The database is intended to help answer citizens' questions about toxic chemical releases in their community. The users of the data are also likely to include researchers from the government or universities conducting environmental analyses. EPA expects to use the data in a variety of ways, including targeting problem pollution areas and as a screening tool for developing standards and regulations.

WHAT YOU CAN DO NOW

You can begin planning now to make compliance with Section 313 as easy and inexpensive as possible. The steps are as follows:

① Check that you have 10 or more full-time employees (that is, if the total annual hours worked by all employees is at least 20,000 hours).

② Check the SIC code list on pages 8 and 9 to determine whether your facility is covered.

③ Check the list of toxic chemicals covered by Section 313 (pages 16–51) to see if any are manufactured, imported, processed, or otherwise used by your facility. Your chemical supplier is required to inform you if any of the Section 313 toxic chemicals are contained in mixtures sold to you. Also, the document "Common Synonyms for Section 313 Chemicals" can assist you in identifying toxic chemicals.

④ Determine whether you manufactured, processed, or otherwise used any toxic chemical on the list in an amount greater than the thresholds on page 3.

⑤ If you meet the criteria, request copies of the reporting form, instructions, and any of the appropriate guidance documents listed on pages 52–55.

⑥ Begin to develop the appropriate information to report your releases and your source reduction and recycling activities.

⑦ Maintain a recordkeeping system that will help you estimate releases for future years. You should designate someone at your facility to be responsible for reporting under Section 313. That person should obtain reporting forms and instructions and should be aware of the reporting deadline: July 1 of each year.

For information on how to obtain the reporting form and instructions, contact the Emergency Planning and Community Right-to-Know Information Hotline. Additional guidance documents can be obtained by mailing the order form on pages 52–56 or by calling one of the EPA regional offices listed on pages 13–15.

SECTION 313 EPA REGIONAL CONTACTS

Region 1
Assistance and Pollution Prevention Office
USEPA Region 1 (SPT),
JFK Federal Building
Boston, MA 02203
(617) 918-1829
Fax: (617) 918-1810
Email: peavey.dwight@epa.gov
Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Region 2
Pesticides and Toxics Branch
USEPA Region 2 (MS-105)
2890 Woodbridge Avenue
Building 10
Edison, NJ 08837-3679
(732) 906-6890
Fax: (732) 321-6788
Email: lopez.nora@epa.gov
New Jersey, New York, Puerto Rico, Virgin Islands

Region 3
Toxics Programs and Enforcement Branch
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814-2072
Fax: (215) 814-3114
Email: reilly.william@epa.gov
Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia

Region 4
EPCRA Enforcement Section
USEPA Region 4
Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, GA 30303
(404) 562-9191
Fax: (404) 562-9163
Email: velez.ezequiel@epa.gov
Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee

Region 5
Pesticides and Toxics Branch
USEPA Region 5 (DT-8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-6219
Fax: (312) 353-4788
Email: codina.thelma@epa.gov
Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

Region 6
Pesticides and Toxics Substances Branch
USEPA Region 6 (6PDT)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733
(214) 665-8013
Fax: (214) 665-6762
Email: layne.warren@epa.gov
Arkansas, Louisiana, New Mexico, Oklahoma, Texas

Region 7
Air, RCRA and Toxics Division
USEPA Region 7 (ARTD/CRIB)
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7472
Fax: (913) 551-7065
Email: hirtz.james@epa.gov
Iowa, Kansas, Missouri, Nebraska

Region 8
Office of Pollution Prevention, Pesticides and Toxics
USEPA Region 8 (8P-P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
Fax: (303) 312-6044
Email: dhieux.joyel@epa.gov
Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming

Region 9
Pesticides and Toxics Branch
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1121
Fax: (415) 744-1073
Email: browning.adam@epa.gov
Arizona, California, Hawaii, Nevada, American Samoa, Guam, Commonwealth of the Northern Mariana Islands

Region 10
Office of Waste & Chemicals Management
USEPA Region 10 (WCM-128)
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-4016
Fax: (206) 553-8509
Email: colt.christina@epa.gov Alaska, Idaho, Oregon, Washington

ALPHABETICAL LIST OF TOXICS RELEASE INVENTORY CHEMICALS

CAS Number	*Chemical Name*	*De Minimis Concentration* Percent
71751-41-2	Abamectin [Avermectin B1]	1.0
30560-19-1	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1.0
98-86-2	Acetophenone	1.0
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl) phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
107-02-8	Acrolein	1.0
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1.0
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1.0
116-06-3	Aldicarb	1.0
309-00-2	Aldrin [1,4:5,8-Dimethanonaphthalene,1,2,3,4,10, 10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha., 8a.beta.)-]	1.0
28057-48-9	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethrone]	1.0
107-18-6	Allyl alcohol	1.0
107-11-9	Allylamine	1.0
107-05-1	Allyl chloride	1.0
7429-90-5	Aluminum (fume or dust)	1.0
20859-73-8	Aluminum phosphide	1.0
1344-28-1	Aluminum oxide (fibrous forms)	1.0

CAS Number	*Chemical Name*	*De Minimis Concentration* Percent
834-12-8	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio) -1,3,5,-triazine-2,4-diamine)	1.0
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
82-28-0	1-Amino-2-methylanthraquinone	0.1
33089-61-1	Amitraz	1.0
61-82-5	Amitrole	0.1
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10% of total aqueous ammonia is reportable under this listing)	1.0
101-05-3	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
62-53-3	Aniline	1.0
90-04-0	o-Anisidine	0.1
104-94-9	p-Anisidine	1.0
134-29-2	o-Anisidine hydrochloride	0.1
120-12-7	Anthracene	1.0
7440-36-0	Antimony	1.0
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine	0.1
7440-39-3	Barium	1.0
22781-23-3	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
1861-40-1	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)-benzenamine)	1.0
17804-35-2	Benomyl	1.0

CAS Number	Chemical Name	*De Minimis* Concentration Percent
98-87-3	Benzal chloride	1.0
55-21-0	Benzamide	1.0
71-43-2	Benzene	0.1
92-87-5	Benzidine	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
98-88-4	Benzoyl chloride	1.0
94-36-0	Benzoyl peroxide	1.0
100-44-7	Benzyl chloride	1.0
7440-41-7	Beryllium	0.1
82657-04-3	Bifenthrin	1.0
92-52-4	Biphenyl	1.0
111-91-1	Bis(2-chloroethoxy) methane	1.0
111-44-4	Bis(2-chloroethyl) ether	1.0
542-88-1	Bis(chloromethyl) ether	0.1
108-60-1	Bis(2-chloro-1-methylethyl)ether	1.0
56-35-9	Bis(tributyltin) oxide	1.0
10294-34-5	Boron trichloride	1.0
7637-07-2	Boron trifluoride	1.0
314-40-9	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrimidinedione)	1.0
53404-19-6	Bromacil, lithium salt (2,4(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt	1.0
7726-95-6	Bromine	1.0
35691-65-7	1-Bromo-1-(bromomethyl) -1,3-propanedicarbonitrile	1.0
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0
75-25-2	Bromoform (Tribromomethane)	1.0
74-83-9	Bromomethane (Methyl bromide)	1.0
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0
1689-84-5	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1.0
1689-99-2	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenylester)	1.0

CAS Number	Chemical Name	*De Minimis* Concentration Percent
357-57-3	Brucine	1.0
106-99-0	1,3-Butadiene	0.1
141-32-2	Butyl acrylate	1.0
71-36-3	n-Butyl alcohol	1.0
78-92-2	sec-Butyl alcohol	1.0
75-65-0	tert-Butyl alcohol	1.0
106-88-7	1,2-Butylene oxide	1.0
123-72-8	Butyraldehyde	1.0
7440-43-9	Cadmium	0.1
156-62-7	Calcium cyanamide	1.0
133-06-2	Captan [1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	1.0
63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
1563-66-2	Carbofuran	1.0
75-15-0	Carbon disulfide	1.0
56-23-5	Carbon tetrachloride	0.1
463-58-1	Carbonyl sulfide	1.0
5234-68-4	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0
120-80-9	Catechol	1.0
2439-01-2	Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	1.0
133-90-4	Chloramben [Benzoic acid, 3-amino-2,5-dichloro-]	1.0
57-74-9	Chlordane [4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	0.1
115-28-6	Chlorendic acid	0.1
90982-32-4	Chlorimuron ethyl (Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]sulfonyl]benzoate)	1.0
7782-50-5	Chlorine	1.0
10049-04-4	Chlorine dioxide	1.0

CAS Number	Chemical Name	*De Minimis* Concentration Percent
79-11-8	Chloroacetic acid	1.0
532-27-4	2-Chloroacetophenone	1.0
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
106-47-8	p-Chloroaniline	0.1
108-90-7	Chlorobenzene	1.0
510-15-6	Chlorobenzilate [Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester]	1.0
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
75-00-3	Chloroethane (Ethyl chloride)	1.0
67-66-3	Chloroform	0.1
74-87-3	Chloromethane (Methyl chloride)	1.0
107-30-2	Chloromethyl methyl ether	0.1
563-47-3	3-Chloro-2-methyl-1-propene	0.1
104-12-1	p-Chlorophenyl isocyanate	1.0
76-06-2	Chloropicrin	1.0
126-99-8	Chloroprene	1.0
542-76-7	3-Chloropropionitrile	1.0
63938-10-3	Chlorotetrafluoroethane	1.0
354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0
1897-45-6	Chlorothalonil [1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	1.0
95-69-2	p-Chloro-o-toluidine	0.1
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0

CAS Number	Chemical Name	*De Minimis* Concentration Percent
5598-13-0	Chlorpyrifos methyl (O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate)	1.0
64902-72-3	Chlorsulfuron (2-Chloro-N-[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] benzenesulfonamide)	1.0
7440-47-3	Chromium	1.0
4680-78-8	C.I. Acid Green 3	1.0
6459-94-5	C.I. Acid Red 114	0.1
569-64-2	C.I. Basic Green 4	1.0
989-38-8	C.I. Basic Red 1	1.0
1937-37-7	C.I. Direct Black 38	0.1
2602-46-2	C.I. Direct Blue 6	0.1
28407-37-6	C.I. Direct Blue 218	1.0
16071-86-6	C.I. Direct Brown 95	0.1
2832-40-8	C.I. Disperse Yellow 3	1.0
3761-53-3	C.I. Food Red 5	0.1
81-88-9	C.I. Food Red 15	1.0
3118-97-6	C.I. Solvent Orange 7	1.0
97-56-3	C.I. Solvent Yellow 3	1.0
842-07-9	C.I. Solvent Yellow 14	1.0
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
128-66-5	C.I. Vat Yellow 4	1.0
7440-48-4	Cobalt	0.1
7440-50-8	Copper	1.0
8001-58-9	Creosote	0.1
120-71-8	p-Cresidine	0.1
108-39-4	m-Cresol	1.0
95-48-7	o-Cresol	1.0
106-44-5	p-Cresol	1.0
1319-77-3	Cresol (mixed isomers)	1.0
4170-30-3	Crotonaldehyde	1.0
98-82-8	Cumene	1.0
80-15-9	Cumene hydroperoxide	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
135-20-6	Cupferron [Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]	0.1
21725-46-2	Cyanazine	1.0
1134-23-2	Cycloate	1.0
110-82-7	Cyclohexane	1.0
108-93-0	Cyclohexanol	1.0
68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylic acid, cyano (4-fluoro-3-phenoxyphenyl) methyl ester]	1.0
68085-85-8	Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-di-methylcyclopropane-carboxylic acid cyano(3-phenoxyphenyl) methyl ester]	1.0
94-75-7	2,4-D [Acetic acid, (2,4-dichlorophenoxy)-]	0.1
533-74-4	Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	1.0
53404-60-7	Dazomet, sodium salt (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium)	1.0
94-82-6	2,4-DB	1.0
1929-73-3	2,4-D butoxyethyl ester	0.1
94-80-4	2,4-D butyl ester	0.1
2971-38-2	2,4-D chlorocrotyl ester	0.1
1163-19-5	Decabromodiphenyl oxide	1.0
13684-56-5	Desmedipham	1.0
1928-43-4	2,4-D 2-ethylhexyl ester	0.1
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
2303-16-4	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester]	1.0
615-05-4	2,4-Diaminoanisole	0.1
39156-41-7	2,4-Diaminoanisole sulfate	0.1

CAS Number	Chemical Name	De Minimis Concentration Percent
101-80-4	4,4'-Diaminodiphenyl ether	0.1
95-80-7	2,4-Diaminotoluene	0.1
25376-45-8	Diaminotoluene (mixed isomers)	0.1
333-41-5	Diazinon	1.0
334-88-3	Diazomethane	1.0
132-64-9	Dibenzofuran	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
10222-01-2	2,2-Dibromo-3-nitrilopropionamide[1]	1.0
124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
84-74-2	Dibutyl phthalate	1.0
1918-00-9	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
99-30-9	Dichloran (2,6-Dichloro-4-nitroaniline)	1.0
95-50-1	1,2-Dichlorobenzene	1.0
541-73-1	1,3-Dichlorobenzene	1.0
106-46-7	1,4-Dichlorobenzene	0.1
25321-22-6	Dichlorobenzene (mixed isomers)	0.1
91-94-1	3,3'-Dichlorobenzidine	0.1
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
75-27-4	Dichlorobromomethane	1.0
764-41-0	1,4-Dichloro-2-butene	1.0
110-57-6	trans-1,4-Dichloro-2-butene	1.0
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
75-71-8	Dichlorodifluoromethane (CFC-12)	1.0
107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1
540-59-0	1,2-Dichloroethylene	1.0
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
75-43-4	Dichlorofluoromethane (HCFC-21)	1.0

[1] On October 27, 1995, EPA published an administrative stay of the EPCRA section 313 reporting requirements for this chemical. Therefore, no Toxic Release Inventory reports are required for 2,2-dibromo-3-nitrilopropionamide until the stay is removed.

CAS Number	Chemical Name	De Minimis Concentration Percent
75-09-2	Dichloromethane (Methylene chloride)	0.1
127564-92-5	Dichloropentafluoropropane	1.0
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
97-23-4	Dichlorophene (2,2'-Methylenebis(4-chlorophenol))	1.0
120-83-2	2,4-Dichlorophenol	1.0
78-87-5	1,2-Dichloropropane	1.0
10061-02-6	trans-1,3-Dichloropropene	0.1
78-88-6	2,3-Dichloropropene	1.0
542-75-6	1,3-Dichloropropylene	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0
34077-87-7	Dichlorotrifluoroethane	1.0
90454-18-5	Dichloro-1,1,2-trifluoroethane	1.0
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
62-73-7	Dichlorvos [Phosphoric acid, 2-dichloroethenyl dimethyl ester]	0.1
51338-27-3	Diclofop methyl (2-[4-(2,4-Dichlorophenoxy)phenoxy] propanoic acid, methyl ester)	1.0
115-32-2	Dicofol [Benzenemethanol, 4-chloro-.alpha.-4-(chlorophenyl)-.alpha.-(trichloromethyl)-]	1.0
77-73-6	Dicyclopentadiene	1.0
1464-53-5	Diepoxybutane	0.1
111-42-2	Diethanolamine	1.0
38727-55-8	Diethatyl ethyl	1.0
117-81-7	Di(2-ethylhexyl) phthalate (DEHP)	0.1
64-67-5	Diethyl sulfate	0.1
35367-38-5	Diflubenzuron	1.0
101-90-6	Diglycidyl resorcinol ether	0.1
94-58-6	Dihydrosafrole	0.1
55290-64-7	Dimethipin (2,3,-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide)	1.0
60-51-5	Dimethoate	1.0
119-90-4	3,3'-Dimethoxybenzidine	0.1
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
124-40-3	Dimethylamine	1.0
2300-66-5	Dimethylamine dicamba	1.0
60-11-7	4-Dimethylaminoazobenzene	0.1
121-69-7	N,N-Dimethylaniline	1.0
119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine-dihydrofluoride)	0.1
79-44-7	Dimethylcarbamyl chloride	0.1

CAS Number	Chemical Name	*De Minimis* Concentration Percent
2524-03-0	Dimethyl chlorothiophosphate	1.0
68-12-2	N,N-Dimethylformamide	0.1
57-14-7	1,1-Dimethyl hydrazine	0.1
105-67-9	2,4-Dimethylphenol	1.0
131-11-3	Dimethyl phthalate	1.0
77-78-1	Dimethyl sulfate	0.1
99-65-0	m-Dinitrobenzene	1.0
528-29-0	o-Dinitrobenzene	1.0
100-25-4	p-Dinitrobenzene	1.0
88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
534-52-1	4,6-Dinitro-o-cresol	1.0
51-28-5	2,4-Dinitrophenol	1.0
121-14-2	2,4-Dinitrotoluene	0.1
606-20-2	2,6-Dinitrotoluene	0.1
25321-14-6	Dinitrotoluene (mixed isomers)	1.0
39300-45-3	Dinocap	1.0
123-91-1	1,4-Dioxane	0.1
957-51-7	Diphenamid	1.0
122-39-4	Diphenylamine	1.0
122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
2164-07-0	Dipotassium endothall (7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt)	1.0
136-45-8	Dipropyl isocinchomeronate	1.0
138-93-2	Disodium cyanodithioimidocarbonate	1.0
94-11-1	2,4-D isopropyl ester	0.1
541-53-7	2,4-Dithiobiuret	1.0
330-54-1	Diuron	1.0
2439-10-3	Dodine (Dodecylguanidine monoacetate)	1.0
120-36-5	2,4-DP	0.1
1320-18-9	2,4-D propylene glycol butyl ether ester	0.1
2702-72-9	2,4-D sodium salt	0.1
106-89-8	Epichlorohydrin	0.1
13194-48-4	Ethoprop (Phosphorodithioic acid O-ethyl S,S-dipropyl ester)	1.0

CAS Number	Chemical Name	*De Minimis* Concentration Percent
110-80-5	2-Ethoxyethanol	1.0
140-88-5	Ethyl acrylate	0.1
100-41-4	Ethylbenzene	1.0
541-41-3	Ethyl chloroformate	1.0
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0
74-85-1	Ethylene	1.0
107-21-1	Ethylene glycol	1.0
151-56-4	Ethyleneimine (Aziridine)	0.1
75-21-8	Ethylene oxide	0.1
96-45-7	Ethylene thiourea	0.1
75-34-3	Ethylidene dichloride	1.0
52-85-7	Famphur	1.0
60168-88-9	Fenarimol (.alpha.-(2-Chlorophenyl)-.alpha.-(4-chlorophenyl)-5-pyrimidinemethanol)	1.0
13356-08-6	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl) distannoxane)	1.0
66441-23-4	Fenoxaprop ethyl [2-(4-((6-Chloro-2-benzoxazolylen)oxy) phenoxy)propanoic acid, ethyl ester]	1.0
72490-01-8	Fenoxycarb [[2-(4-Phenoxy-phenoxy)-ethyl]carbamic acid ethyl ester]	1.0
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl) methyl ester]	1.0
55-38-9	Fenthion [O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] ester, phosphorothioic acid]	1.0
51630-58-1	Fenvalerate [4-Chloro-alpha-(1-methylethyl) benzeneacetic acid cyano (3-phenoxyphenyl)methyl ester]	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
14484-64-1	Ferbam [Tris(dimethylcarbamodithioato-S,S')iron]	1.0
69806-50-4	Fluazifop butyl [2-[4-[[5-(Trifluoromethyl)-2-pyridinyl] oxy]-phenoxy]propanoic acid, butyl ester]	1.0
2164-17-2	Fluometuron [Urea, N,N-dimethyl- N'-[3-(trifluoromethyl) phenyl]-]	1.0
7782-41-4	Fluorine	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0
69409-94-5	Fluvalinate [N-[2-Chloro-4-(trifluoromethyl)phenyl]- DL-valine (+)-cyano(3-phenoxyphenyl) methyl ester]	1.0
133-07-3	Folpet	1.0
72178-02-0	Fomesafen [5-(2-Chloro-4-(trifluoromethyl)phenoxy)- N-methylsulfonyl-2-nitrobenzamide]	1.0
50-00-0	Formaldehyde	0.1
64-18-6	Formic acid	1.0
76-13-1	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0
76-44-8	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a, 4,7,7a-tetrahydro-4,7-methano-1H-indene]	0.1
118-74-1	Hexachlorobenzene	0.1
87-68-3	Hexachloro-1,3-butadiene	1.0
319-84-6	alpha-Hexachlorocyclohexane	1.0
77-47-4	Hexachlorocyclopentadiene	1.0
67-72-1	Hexachloroethane	1.0
1335-87-1	Hexachloronaphthalene	1.0
70-30-4	Hexachlorophene	1.0
680-31-9	Hexamethylphosphoramide	0.1
110-54-3	n-Hexane	1.0
51235-04-2	Hexazinone	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)- pyrimidinone[3-[4-(trifluoromethyl) phenyl]-1-[2-[4-(trifluoromethyl) phenyl]ethenyl]-2-propenylidene] hydrazone]	1.0
302-01-2	Hydrazine	0.1
10034-93-2	Hydrazine sulfate	0.1
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
74-90-8	Hydrogen cyanide	1.0
7664-39-3	Hydrogen fluoride	1.0
7783-06-4	Hydrogen sulfide[2]	1.0
123-31-9	Hydroquinone	1.0
35554-44-0	Imazalil [1-[2-(2,4-Dichlorophenyl)- 2-(2-propenyloxy)ethyl]-1H-imidazole]	1.0
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1.0
13463-40-6	Iron pentacarbonyl	1.0
78-84-2	Isobutyraldehyde	1.0
465-73-6	Isodrin	1.0
25311-71-1	Isofenphos [2-[[Ethoxyl[(1-methylethyl)amino] phosphinothioyl]oxy] benzoic acid 1-methylethyl ester]	1.0
67-63-0	Isopropyl alcohol (manufacturing-strong acid process, no supplier notification)	1.0
80-05-7	4,4'-Isopropylidenediphenol	1.0
120-58-1	Isosafrole	1.0

[2]On August 22, 1994, EPA published an administrative stay of the EPCRA section 313 reporting requirements for this chemical. Therefore, no Toxic Release Inventory reports are required for hydrogen sulfide until the stay is removed.

CAS Number	Chemical Name	De Minimis Concentration Percent
77501-63-4	Lactofen [Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-2-ethoxy-1-methyl-2-oxoethyl ester)	1.0
7439-92-1	Lead	0.1
58-89-9	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha., 2.alpha., 3.beta., 4.alpha., 5.alpha.,6.beta.)-]	0.1
330-55-2	Linuron	1.0
554-13-2	Lithium carbonate	1.0
121-75-5	Malathion	1.0
108-31-6	Maleic anhydride	1.0
109-77-3	Malononitrile	1.0
12427-38-2	Maneb [Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex]	1.0
7439-96-5	Manganese	1.0
93-65-2	Mecoprop	0.1
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0
7439-97-6	Mercury	1.0
150-50-5	Merphos	1.0
126-98-7	Methacrylonitrile	1.0
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1.0
67-56-1	Methanol	1.0
20354-26-1	Methazole [2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	1.0
2032-65-7	Methiocarb	1.0
94-74-6	Methoxone ((4-Chloro-2-methylphenoxy)acetic acid) (MCPA)	0.1
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy)acetate sodium salt)	0.1

CAS Number	Chemical Name	De Minimis Concentration Percent
72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-]]	1.0
109-86-4	2-Methoxyethanol	1.0
96-33-3	Methyl acrylate	1.0
1634-04-4	Methyl tert-butyl ether	1.0
79-22-1	Methyl chlorocarbonate	1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzenamine	0.1
74-95-3	Methylene bromide	1.0
101-77-9	4,4'-Methylenedianiline	0.1
78-93-3	Methyl ethyl ketone	1.0
60-34-4	Methyl hydrazine	1.0
74-88-4	Methyl iodide	1.0
108-10-1	Methyl isobutyl ketone	1.0
624-83-9	Methyl isocyanate	1.0
556-61-6	Methyl isothiocyanate [Isothiocyanatomethane]	1.0
75-86-5	2-Methyllactonitrile	1.0
74-93-1	Methyl mercaptan[3]	1.0
80-62-6	Methyl methacrylate	1.0
924-42-5	N-Methylolacrylamide	1.0
298-00-0	Methyl parathion	1.0
109-06-8	2-Methylpyridine	1.0
872-50-4	N-Methyl-2-pyrrolidone	1.0
9006-42-2	Metiram	1.0
21087-64-9	Metribuzin	1.0
7786-34-7	Mevinphos	1.0
90-94-8	Michler's ketone	0.1

[3]On August 22, 1994, EPA published an administrative stay of the EPCRA section 313 reporting requirements for this chemical. Therefore, no Toxic Release Inventory reports are required for methyl mercaptan until the stay is removed.

CAS Number	Chemical Name	*De Minimis* Concentration Percent
2212-67-1	Molinate (1H-Azepine-1-carbothioic acid, hexahydro-S-ethyl ester)	1.0
1313-27-5	Molybdenum trioxide	1.0
76-15-3	Monochloropentafluoroethane (CFC-115)	1.0
150-68-5	Monuron	1.0
505-60-2	Mustard gas [Ethane, 1,1'-thiobis[2-chloro-]	0.1
88671-89-0	Myclobutanil [.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	1.0
142-59-6	Nabam	1.0
300-76-5	Naled	1.0
91-20-3	Naphthalene	1.0
134-32-7	alpha-Naphthylamine	0.1
91-59-8	beta-Naphthylamine	0.1
7440-02-0	Nickel	0.1
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0
7697-37-2	Nitric acid	1.0
139-13-9	Nitrilotriacetic acid	0.1
100-01-6	p-Nitroaniline	1.0
99-59-2	5-Nitro-o-anisidine	1.0
98-95-3	Nitrobenzene	0.1
92-93-3	4-Nitrobiphenyl	0.1
1836-75-5	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1
51-75-2	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1
55-63-0	Nitroglycerin	1.0
88-75-5	2-Nitrophenol	1.0
100-02-7	4-Nitrophenol	1.0
79-46-9	2-Nitropropane	0.1
924-16-3	N-Nitrosodi-n-butylamine	0.1
55-18-5	N-Nitrosodiethylamine	0.1

CAS Number	Chemical Name	*De Minimis* Concentration Percent
62-75-9	N-Nitrosodimethylamine	0.1
86-30-6	N-Nitrosodiphenylamine	1.0
156-10-5	p-Nitrosodiphenylamine	1.0
621-64-7	N-Nitrosodi-n-propylamine	0.1
759-73-9	N-Nitroso-N-ethylurea	0.1
684-93-5	N-Nitroso-N-methylurea	0.1
4549-40-0	N-Nitrosomethylvinylamine	0.1
59-89-2	N-Nitrosomorpholine	0.1
16543-55-8	N-Nitrosonornicotine	0.1
100-75-4	N-Nitrosopiperidine	0.1
99-55-8	5-Nitro-o-toluidine	1.0
27314-13-2	Norflurazon [4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl) phenyl]-3(2H)-pyridazinone]	1.0
2234-13-1	Octachloronaphthalene	1.0
19044-88-3	Oryzalin [4-(Dipropylamino)-3,5-dinitrobenzene sulfonamide]	1.0
20816-12-0	Osmium tetroxide	1.0
301-12-2	Oxydemeton methyl [S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	1.0
19666-30-9	Oxydiazon [3-[2,4-Dichloro-5-(1-methylethoxy) phenyl]- 5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]	1.0
42874-03-3	Oxyfluorfen	1.0
10028-15-6	Ozone	1.0
123-63-7	Paraldehyde	1.0
1910-42-5	Paraquat dichloride	1.0
56-38-2	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl)ester]	1.0
1114-71-2	Pebulate [Butylethylcarbamothioic acid S-propyl ester]	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
40487-42-1	Pendimethalin [N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	1.0
76-01-7	Pentachloroethane	1.0
87-86-5	Pentachlorophenol (PCP)	0.1
57-33-0	Pentobarbital sodium	1.0
79-21-0	Peracetic acid	1.0
594-42-3	Perchloromethyl mercaptan	1.0
52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl)methyl ester]	1.0
85-01-8	Phenanthrene	1.0
108-95-2	Phenol	1.0
26002-80-2	Phenothrin [2,2-Dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]	1.0
95-54-5	1,2-Phenylenediamine	1.0
108-45-2	1,3-Phenylenediamine	1.0
106-50-3	p-Phenylenediamine	1.0
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0
90-43-7	2-Phenylphenol	1.0
57-41-0	Phenytoin	0.1
75-44-5	Phosgene	1.0
7803-51-2	Phosphine	1.0
7664-38-2	Phosphoric acid	1.0
7723-14-0	Phosphorus (yellow or white)	1.0
85-44-9	Phthalic anhydride	1.0
1918-02-1	Picloram	1.0
88-89-1	Picric acid	1.0
51-03-6	Piperonyl butoxide	1.0
29232-93-7	Pirimiphos methyl [O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
1336-36-3	Polychlorinated biphenyls (PCBs)	0.1
7758-01-2	Potassium bromate	0.1
128-03-0	Potassium dimethyldithiocarbamate	1.0
137-41-7	Potassium N-methyldithiocarbamate	1.0
41198-08-7	Profenofos [O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]	1.0
7287-19-6	Prometryn [N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]	1.0
23950-58-5	Pronamide	1.0
1918-16-7	Propachlor [2-Chloro-N-(1-methylethyl)-N-phenylacetamide]	1.0
1120-71-4	Propane sultone	0.1
709-98-8	Propanil [N-(3,4-Dichlorophenyl)propanamide]	1.0
2312-35-8	Propargite	1.0
107-19-7	Propargyl alcohol	1.0
31218-83-4	Propetamphos [3-[(Ethylamino)methoxyphosphinothioyl] oxy]-2-butenoic acid, 1-methylethyl ester]	1.0
60207-90-1	Propiconazole [1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole]	1.0
57-57-8	beta-Propiolactone	0.1
123-38-6	Propionaldehyde	1.0
114-26-1	Propoxur [Phenol, 2-(1-methylethoxy)-, methylcarbamate]	1.0
115-07-1	Propylene (Propene)	1.0
75-55-8	Propyleneimine	0.1
75-56-9	Propylene oxide	0.1
110-86-1	Pyridine	1.0
91-22-5	Quinoline	1.0
106-51-4	Quinone	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
82-68-8	Quintozene [Pentachloronitrobenzene]	1.0
76578-14-8	Quizalofop-ethyl [2-[4-[(6-Chloro-2-quinoxalinyl)oxy] phenoxy] propanoic acid ethyl ester]	1.0
10453-86-8	Resmethrin [[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate]	1.0
81-07-2	Saccharin (manufacturing, no supplier notification)	0.1
94-59-7	Safrole	0.1
7782-49-2	Selenium	1.0
74051-80-2	Sethoxydim [2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio) propyl]-3-hydroxyl-2-cyclohexen-1-one]	1.0
7440-22-4	Silver	1.0
122-34-9	Simazine	1.0
26628-22-8	Sodium azide	1.0
1982-69-0	Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1.0
128-04-1	Sodium dimethyldithiocarbamate	1.0
62-74-8	Sodium fluoroacetate	1.0
7632-00-0	Sodium nitrite	1.0
131-52-2	Sodium pentachlorophenate	1.0
132-27-4	Sodium o-phenylphenoxide	0.1
100-42-5	Styrene	0.1
96-09-3	Styrene oxide	0.1
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
2699-79-8	Sulfuryl fluoride (Vikane)	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]phosphoro-dithioic acid S-propylester]	1.0
34014-18-1	Tebuthiuron [N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	1.0
3383-96-8	Temephos	1.0
5902-51-2	Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	1.0
630-20-6	1,1,1,2-Tetrachloroethane	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0
127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
961-11-5	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl) ethenyl dimethyl ester]	1.0
64-75-5	Tetracycline hydrochloride	1.0
7696-12-0	Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester]	1.0
7440-28-0	Thallium	1.0
148-79-8	Thiabendazole [2-(4-Thiazolyl)-1H-benzimidazole]	1.0
62-55-5	Thioacetamide	0.1
28249-77-6	Thiobencarb [Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	1.0
139-65-1	4,4'-Thiodianiline	0.1
59669-26-0	Thiodicarb	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
23564-06-9	Thiophanate ethyl [[1,2-Phenylenebis(iminocarbonothioyl)] biscarbamic acid diethylester]	1.0
23564-05-8	Thiophanate-methyl	1.0
79-19-6	Thiosemicarbazide	1.0
62-56-6	Thiourea	0.1
137-26-8	Thiram	1.0
1314-20-1	Thorium dioxide	1.0
7550-45-0	Titanium tetrachloride	1.0
108-88-3	Toluene	1.0
584-84-9	Toluene-2,4-diisocyanate	0.1
91-08-7	Toluene-2,6-diisocyanate	0.1
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
95-53-4	o-Toluidine	0.1
636-21-5	o-Toluidine hydrochloride	0.1
8001-35-2	Toxaphene	0.1
43121-43-3	Triadimefon [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4- triazol-1-yl)-2-butanone]	1.0
2303-17-5	Triallate	1.0
68-76-8	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	1.0
101200-48-0	Tribenuron methyl [2-[[[[(4-Methoxy-6-methyl-1,3,5-triazin-2-yl]-methylamino]carbonyl]amino] sulfonyl]-, methyl ester)	1.0
1983-10-4	Tributyltin fluoride	1.0
2155-70-6	Tributyltin methacrylate	1.0
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0
52-68-6	Trichlorfon [Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-, dimethyl ester]	1.0
76-02-8	Trichloroacetyl chloride	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0
79-00-5	1,1,2-Trichloroethane	1.0

CAS Number	Chemical Name	De Minimis Concentration Percent
79-01-6	Trichloroethylene	0.1
75-69-4	Trichlorofluoromethane (CFC-11)	1.0
95-95-4	2,4,5-Trichlorophenol	1.0
88-06-2	2,4,6-Trichlorophenol	0.1
96-18-4	1,2,3-Trichloropropane	0.1
57213-69-1	Triclopyr triethylammonium salt	1.0
121-44-8	Triethylamine	1.0
1582-09-8	Trifluralin [Benezeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	1.0
26644-46-2	Triforine [N,N'-[1,4-Piperazinediylbis (2,2,2-trichloroethylidene)]bisformamide]	1.0
95-63-6	1,2,4-Trimethylbenzene	1.0
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1.0
639-58-7	Triphenyltin chloride	1.0
76-87-9	Triphenyltin hydroxide	1.0
126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1
72-57-1	Trypan blue	0.1
51-79-6	Urethane (Ethyl carbamate)	0.1
7440-62-2	Vanadium (fume or dust)	1.0
50471-44-8	Vinclozolin [3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	1.0
108-05-4	Vinyl acetate	0.1
593-60-2	Vinyl bromide	0.1
75-01-4	Vinyl chloride	0.1
75-35-4	Vinylidene chloride	1.0
108-38-3	m-Xylene	1.0
95-47-6	o-Xylene	1.0
106-42-3	p-Xylene	1.0
1330-20-7	Xylene (mixed isomers)	1.0
87-62-7	2,6-Xylidine	0.1
7440-66-6	Zinc (fume or dust)	1.0
12122-67-7	Zineb [Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex]	1.0

CHEMICAL CATEGORIES

Section 313 requires reporting on the toxic chemical categories listed below, in addition to the specific toxic chemicals listed above.

The metal compounds listed below, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (i.e., antimony, nickel, etc.) as part of that chemical's structure.

Toxic chemical categories are subject to the 1 percent *de minimis* concentration unless the substance involved meets the definition of an OSHA carcinogen in which case the 0.1 percent *de minimis* concentration applies. The *de minimis* concentration for each category is provided in parentheses.

Antimony Compounds (1.0)
Includes any unique chemical substance that contains antimony as part of that chemical's infrastructure.

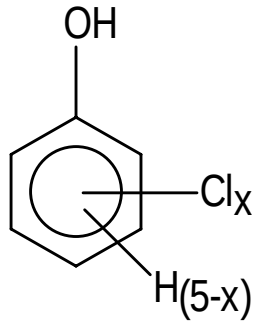
Arsenic Compounds (inorganic compounds: 0.1; organic compounds: 1.0)
Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure.

Barium Compounds (1.0)
Includes any unique chemical substance that contains barium as part of that chemical's infrastructure.
This category does not include: Barium sulfate CAS Number 7727-43-7

Beryllium Compounds (0.1)
Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure.

Cadmium Compounds (0.1)
Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure.

Chlorophenols (0.1)



Where x = 1 to 5

Chromium Compounds (chromium VI compounds: 0.1; chromium III compounds: 1.0)
Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure.

Cobalt Compounds (0.1)
Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure.

Copper Compounds (1.0)
Includes any unique chemical substance that contains copper as part of that chemical's infrastructure.
This category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.

Cyanide Compounds (1.0)
X^+CN^- where $X = H^+$ or any other group where a formal dissociation may occur. For example KCN or $Ca(CN)_2$

Diisocyanates (1.0)
This category includes only those chemicals listed below.

38661-72-2	1,3-Bis(methylisocyanate)cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)cyclohexane
2556-36-71	4-Cyclohexane diisocyanate
134190-37-7	Diethyldiisocyanatobenzene
4128-73-84	4'-Diisocyanatodiphenyl ether

75790-87-32	4'-Diisocyanatodiphenyl sulfide
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
139-25-3	3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate
822-06-0	Hexamethylene-1,6-diisocyanate
4098-71-9	Isophorone diisocyanate
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
5124-30-1	1,1-Methylene bis (4-isocyanatocyclohexane)
101-68-8	Methylenebis(phenylisocyanate) (MDI)
3173-72-6	1,5-Naphthalene diisocyanate
123-61-5	1,3-Phenylene diisocyanate
104-49-4	1,4-Phenylene diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
16938-22-0	2,2,4-Trimethylhexamethylene diisocyanate
15646-96-5	2,4,4-Trimethylhexamethylene diisocyanate

Ethylenebisdithiocarbamic acid, salts and esters (EBDCs) (1.0)

Includes any unique chemical substance that is or that contains EBDC or an EBDC salt or ester as part of that chemical's infrastructure.

Certain Glycol Ethers (1.0)

$R-(OCH_2CH_2)_n-OR'$

Where n = 1, 2, or 3
R = alkyl C7 or less; or
R = phenyl or alkyl substituted phenyl;
R' = H, or alkyl C7 or less; or
OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

Lead Compounds (inorganic compounds: 0.1; organic compounds: 1.0)

Includes any unique chemical substance that contains lead as part of that chemical's infrastructure.

Manganese Compounds (1.0)

Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure.

Mercury Compounds (1.0)

Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure.

Nickel Compounds (0.1)

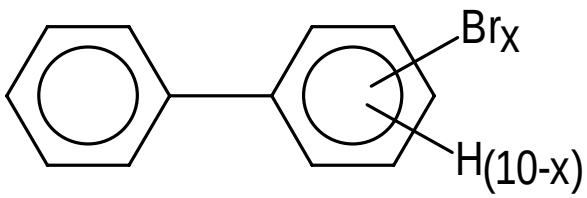
Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure.

Nicotine and salts (1.0)

Includes any unique chemical substance that contains nicotine or a nicotine salt as part of that chemical's infrastructure.

Nitrate compounds (water dissociable; reportable only when in aqueous solution) (1.0)

Polybrominated Biphenyls (PBBs) (0.1)



Where x = 1 to 10

Polychlorinated alkanes (C10 to C13) (1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60 percent by weight which are subject to the 0.1 percent *de minimis*)

$C_xH_{2x+2-y}Cl_y$
where x = 10 to 13;
y = 3 to 12; and
the average chlorine content ranges from 40–70% with the limiting molecular formulas $C_{10}H_{19}Cl_3$ and $C_{13}H_{16}Cl_{12}$

Polycyclic aromatic compounds (PACs) (0.1, except for benzo(a)phenanthrene and dibenzo(a,e)fluoranthene which are subject to the 1.0 percent *de minimis*)

This category includes only those chemicals listed below.

56-55-3	Benz(a)anthracene
205-99-2	Benzo(b)fluoranthene
205-82-3	Benzo(j)fluoranthene
207-08-9	Benzo(k)fluoranthene
189-55-9	Benzo(rst)pentaphene
218-01-9	Benzo(a)phenanthrene
50-32-8	Benzo(a)pyrene
226-36-8	Dibenz(a,h)acridine
224-42-0	Dibenz(a,j)acridine
53-70-3	Dibenzo(a,h)anthracene
194-59-2	7H-Dibenzo(c,g)carbazole
5385-75-1	Dibenzo(a,e)fluoranthene
192-65-4	Dibenzo(a,e)pyrene
189-64-0	Dibenzo(a,h)pyrene
191-30-0	Dibenzo(a,l)pyrene
57-97-6	7,12-Dimethylbenz(a)anthracene
193-39-5	Indeno[1,2,3-cd]pyrene
3697-24-3	5-Methylchrysene
5522-43-0	1-Nitropyrene

Selenium Compounds (1.0)
Includes any unique chemical substance that contains selenium part of that chemical's infrastructure.

Silver Compounds (1.0)
Includes any unique chemical substance that contains silver part of that chemical's infrastructure.

Strychnine and salts (1.0)
Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.

Thallium Compounds (1.0)
Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.

Warfarin and salts (1.0)
Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.

Zinc Compounds (1.0)
Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.

FOR MORE INFORMATION

Write to:

Emergency Planning and Community Right-to-Know Information Hotline
Environmental Protection Agency
Mail Stop 5101
401 M Street, SW
Washington, DC 20460

Or for regulatory and technical assistance, call:

Emergency Planning and Community Right-to-Know Information Hotline, 8:30 am to 7:30 pm Eastern Time	(800) 424-9346 or (703) 412-9877 (in Washington, DC and Virginia)
Asbestos and Small Business Ombudsman Hotline	(800) 368-5888 or (703) 557-1938 (in Washington, DC and Virginia)

Other Information:

To receive a copy of any of the section 313 documents listed below, check the box(es) next to the desired document(s). There is no charge for any of these documents. Be sure to type or clearly print your full mailing address in the space provided on page 53. Send this request form or call toll-free 1-800-490-9198.

U.S. EPA/NSCEP
P.O. Box 42419
Cincinnati, OH 45242-2419
(800)490-9198
Fax: (513)489-8695
Internet:
http://www.epa.gov/ncepihom/index.html

- □ **40 CFR 372, Toxic Chemical Release Reporting; Community Right-to-Know; Final Rule**

- □ **Toxics Chemical Release Inventory Reporting Forms and Instructions for 1998,** February 1999 (EPA 740-K-99-001)
- □ **Consolidated List of Chemicals Subject to Reporting Under the Act** (Title III List of Lists) (EPA 550/B-98-017)
- □ **The Emergency Planning and Community Right-to-Know Act: Section 313 Release Reporting Requirements,** January 1999 (EPA 745/K-99-002)
- □ **Supplier Notification Requirements** (EPA 560/4-91-006)
- □ **Trade Secrets Rule and Form,** (53 FR 28772)
- □ **Common Synonyms for Chemicals Listed Under Section 313 of the Emergency Planning and Community Right-to-Know Act** (EPA 745/R-95-008)
- □ **Executive Order 12856 – Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements: Questions and Answers,** February 1999 (EPA 745/R-99-001)
- □ **Section 313 of the Emergency Planning and Community Right-to-Know Act; Questions and Answers**, December 1998 (EPA 745/B-98-004)
- □ **Toxics Release Inventory: Reporting Modifications Beginning with 1995 Reporting Year,** February 1995 (EPA 745/R-95-009)

Chemical-Specific Guidance

EPA has developed a group of guidance documents specific to individual chemicals and chemical categories.

- □ **Toxics Release Inventory List of Toxic Chemicals within the Polychlorinated Alkanes Category and Guidance for Reporting**, June 1999 (EPA 745/R-99 007)
- □ **Toxics Release Inventory List of Toxic Chemicals within the Water Dissociable Nitrate Compounds Category and Guidance for Reporting**, June 1999 (EPA 745/R-99-008)

- **Toxics Release Inventory List of Toxic Chemicals within the Polycyclic Aromatic Compounds Category**, June 1999 (EPA 745/R-99-009)
- **Toxics Release Inventory List of Toxic Chemicals within the Nicotine and Salt Category and Guidance for Reporting**, June 1999 (EPA 745/R-99-010)
- **Toxics Release Inventory List of Toxic Chemicals within the Strychnine and Salts Category and Guidance for Reporting**, June 1999 (EPA 745/ R-99-011)
- **Toxics Release Inventory List of Toxic Chemicals within the Glycol Ethers Category and Guidance for Reporting**, June 1999 (EPA 745/R-99-006)
- **Emergency Planning and Community Right-to-Know Section 313: List of Toxic Chemicals within the Chlorophenols Category**, June 1999 (EPA 745/B99-013)
- **Emergency Planning and Community Right-to-Know Section 313: Guidance for Reporting Aqueous Ammonia**, July 1995 (EPA 745/R-95-012)
- **Emergency Planning and Community Right-to-Know Section 313: Guidance for Reporting Sulfuric Acid (acid aerosols including mists, vapors, gas, fog and other airborne forms of any particle size)**, November 1997 (EPA 745/B-97-007)

Industry-Specific Guidance

EPA has developed a group of individual guidance documents for certain industries.

- **Section 313 of the Emergency Planning and Community Right-to-Know Act; Toxic Chemical Release Inventory; Data Quality Checks to Prevent Common Reporting Errors on Form R/Form A**, August 1998 (EPA 745/R-98-012)

- **Emergency Planning and Community Right-to-Know Act Section 313 Reporting Guidance for Spray Application and Electrodeposition of Organic Coatings,** December 1998 (EPA 745/R-98-014)
- **Emergency Planning and Community Right-to-Know Act Section 313 Reporting Guidance for Food Processors**, September 1998 (EPA 745/R-98-011)
- **Emergency Planning and Community Right-to-Know Act Section 313 Reporting Guidance for Rubber and Plastics Manufacturing**, December 1998 (EPA 745/R-99-017)
- **Emergency Planning and Community Right-to-Know Act Section 313 Reporting Guidance for Semiconductor Manufacturing,** December 1998 (EPA 745/R-98-007)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for Metal Mining Facilities**; January 1999 (EPA 745/B-99-001)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for Coal Mining Facilities**, January 1999 (EPA 745/B-99-002)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for Electricity Generating Facilities**, January 1999 (EPA 745/B-99-003)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for RCRA Subtitle C TSD Facilities and Solvent Recovery Facilities,** January 1999 (EPA 745/B-99-004)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for Chemical Distribution Facilities,** January 1999 (EPA 745/B-99-005)
- **Emergency Planning and Community Right-to-Know Act Section 313: Guidance for Chemical Petroleum Bulk Storage Facilities,** January 1999 (EPA 745/B-99-006)

PLEASE TYPE MAILING ADDRESS HERE
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Company Name _____

Mail Stop _____

Street Address _____

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OTHER RELEVANT SECTION 313 MATERIALS

1997 Toxics Release Inventory Public Data Release State Fact Sheets (EPA 745/F-99-001)
http://www.epa.gov/opptintr/tri/tri97/fact97.htm

1997 Toxics Release Inventory (EPA 745/R-99-003)
http://www.epa.gov/opptintr/tri/tri97/drhome.htm

Similar reports for 1987-1995 are available for sale from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20420-9325 (202-512-1800).
Toxic Release Inventory – On-line Database
(http://www.epa.gov/opptintr/tri)

Another EPA Web site, the Envirofacts Warehouse (http://www.epa.gov/enviro) provides free access to five of EPA's largest databases containing Superfund data, Safe Drinking Water information, Hazardous Waste information, Water Discharge permits, Air Releases, and TRI information. The user can read about EPA's databases, generate reports, and produce maps showing the location of TRI and other facilities. Envirofacts allows the user to search the TRI and other databases by facility name, geographic location, SIC Code, or chemical name and to produce reports on the facilities and map their locations. A variety of user-specified parameters let users point and click to customize their searches. The maps include facility locations as well as user defined demographic information, schools, hospitals, roads, bodies of water, and more. Maps can be printed out or saved in various formats including GIF, JPG, TIF, PDF, EPS, ARC/INFO and more. TRI is specifically addressed through Envirofact's TRI page
(http://www.epa.gov/enviro/hrml/tris/tris_overview.html)

A computerized on-line database of the Toxic Release Inventory data is also available through the National Library of Medicine's (NLM) TOXNET on-line system at http://toxnet.nlm.nih.gov. Other NLM files on TOXNET can provide supporting information in such areas as health hazards and emergency handling of toxic chemicals. Information on accessing the TOXNET system is available from: TRI Representative, Specialized Information Services, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894 (301) 496-6531.

RTK-Net (http://www.rtk.net) is an online network concerned with environmental issues, in particular, matters arising from the passage of right-to-know pro- visions embodied in EPCRA legislation. RTK-net was established by two non-profit organizations (Unison Institute and OMB Watch) to provide access to TRI, link TRI with other environmental data, and exchange information among public interest groups. RTK-Net is a full-service center providing free dial-in access privileges to complete database services, training and technical support, e-mail and electronic conferences pertaining to issues such as health, activism, and environmental justice. For more information contact RTK-Net, 1742, Connecticut Ave., NW, Washington, DC 20009-1146 or phone 202-797-7200. You can register on-line by modem at 202-234-8570, parameters 8,n,1, and log in as "public".

Toxics Release Inventory – CD-ROM
To make TRI information widely available for public use, the TRI CD-ROM is distributed free of charge to non-profit organizations, citizen groups, educators and government agencies through NSCEP. The same CD-ROM is available for purchase from GPO and NTIS. You may order the TRI CD-ROM from EPA's web page at http://www.epa.gov/opptintr/tri/cd-rom.htm or contact one of the agencies listed below:

NSCEP:
National Service Center for Environmental Publications
P.O. Box 42419
Cincinnati, OH 45242
Phone: (800) 490-9198

GPO:
U.S. Government Printing Office
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250-7954
Phone: (202) 512-1800

NTIS:
National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161
Phone: (800) 553-6847

Toxic Release Inventory (by State) – Diskettes
GPO:
U.S. Government Printing Office
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250-7954
Phone: (202) 512-1800
Individual state (1 disk per state): 3.50" disk – $15/disk

NTIS:
National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161
Phone: (800) 553-6847
Lotus & dBASE formats.
1987 to 1992 Data available.
Contact NTIS for price quote.

Consolidated List of Chemicals Subject to Reporting Under the Act (Title III List of Lists) (November 1998)
http://www.epa.gov/ceppo/pubs/title3.pdf

Available as an IBM compatible disk from: The National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161, (703) 605-6000, Document Number: PB98-500473, $69.00.

The Toxic Release Inventory: Meeting the Challenge (April 1988)

This 19-minute videotape explains the toxic release reporting requirements for plant facility managers and others. State governments, local Chambers of Commerce, labor organizations, public interest groups, universities, and others may also find the video program useful and informative.

3/4 inch = $30.75; VHS = $22.00.

To purchase, write or call:

Color Film Corporation
Video Division
770 Connecticut Avenue
Norwalk, CT 06854
(800) 882-1120

Chemicals in Your Community, A Citizen's Guide to the Emergency Planning and Community Right-to-Know Act, September 1988 (OSWER-88-002)
Available through written request at no charge from:

Emergency Planning and Community
Right-to-Know Information Hotline
Mailcode: 5101
401 M Street, SW
Washington, DC 20460
Hotline: (800) 424-9346

Chemicals in the Environment
Issue number 6 of Chemicals in the Environment (CIE), published in the Fall of 1997, is devoted entirely to TRI. This 22-page publication contains 19 articles ranging from the history of TRI to the future of new TRI products. Articles include perspectives from the community, State, Federal, and International level. The publication also provides valuable information on training and contacts within the EPA. CIE is available free over the Internet (http://www.epa.gov/opptintr/cie) or from NSCEP by asking for publication EPA 749/R-97-001b. To request copies, contact:

National Service Center for Environmental Publications
P.O. Box 42419
Cincinnati, OH 45242-2419
Call: (800) 490-9198

Pollution Prevention Information

Environene
An up-to-date source of information on pollution prevention is the Enviroene System, a computerized information network. Enviroene includes a directory of representatives from Federal, State, and local governments; current news on pollution prevention activities; program summaries for government agencies, public and industry; a data base of industry case studies; a calendar of conferences, training seminars, and workshops; and specialized bulletin boards dedicated to various topics. Enviroene can be accessed in two ways:

1) Bulletin board-modem:
(703) 908-2092, Parameters: 8,n1 settings: ansi or v+100 user support: (703) 908-2007.

2) World Wide Web-Internet:
http://www.epa.gov/envirosense under heading "EPA P_2 and other initiatives"

The Pollution Prevention Information Clearinghouse (PPIC)
PPIC was established as part of EPA's response to the Pollution Prevention Act of 1990, which directed the Agency to compile information, including a database, on management, technical, and operational approaches to source reduction. PPIC provides information to the public and industries involved in conservation of natural resources and in reduction or elimination of pollutants in facilities, workplaces, and communities.

To request EPA information on pollution prevention or obtain factsheets on pollution prevention from various state programs call the PPIC reference and referral service at (202) 260-1023, or fax a request to (202) 260-0178, or write to:

PPIC
Mail Code 3404
401 M St., SW
Washington, DC 20460

United States
Environmental Protection
Agency (7408)
Washington, DC 20460

Official Business
Penalty for Private Use
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